

E2 6. (Twice Amended) The method of claim 1 wherein the first and second interval frequencies are different.

9. (Three Times Amended) An apparatus for a navigation system for transmitting the location of a vehicle to a location remote from the vehicle, the apparatus comprising:

- E3
- at least one position determining device for providing a vehicle location signal;
 - a database having a map database with a road network;
 - a processor interconnected to said at least one positioning device and said database for determining the location of the vehicle relative to said map;
 - a transmitter for producing a transmission signal to the remote location having the location of the vehicle;
 - a trigger device for triggering said transmission signal, wherein said triggering device determines a location of the vehicle relative to said road network defined as a first location and determines a change in the location of the vehicle relative to said road network defined as a second location, and said trigger device automatically commands said transmitter to produce said transmission signal based upon the change in location, wherein a third location is arranged between the first and second locations, and said trigger device communicates the first location at a first interval frequency, suppressing communication of the third location, and communicates the second location at a second interval frequency.

E4 13. (Twice Amended) The apparatus of claim 9 wherein the first and second interval frequencies are different.

18. (Twice Amended) A method for transmitting the location to a location remote from the vehicle comprising the steps of:

- E5
- a) determining a location of the vehicle relative to a road network defined as a first location;
 - b) determining a new location of the vehicle relative to the road network defined as a second location;
 - c) automatically communicating the first location of the vehicle to the remote location at a first interval frequency; and

E5
Concluded

d) automatically communicating the second location of the vehicle to the remote location at a second interval frequency different from the first interval frequency, wherein the first location is a freeway and the second location is a residential street, wherein the first interval frequency is less than the second interval frequency.

21. (Three Times Amended) A method for transmitting the location to a location remote from the vehicle comprising the steps of:

a) determining a location of the vehicle relative to a road network defined as a first location;

b) determining a new location of the vehicle relative to the road network defined as a second location;

c) automatically communicating the first location of the vehicle to the remote location at a first interval frequency; and

E6

d) automatically communicating the second location of the vehicle to the remote location at a second interval frequency different from the first interval frequency, wherein the first location is part of a dense road network and the second location is part of a sparse road network wherein the first frequency is greater than the second interval frequency.

22. (Three Times Amended) A method for transmitting the location to a location remote from the vehicle comprising the steps of:

a) determining a location of the vehicle relative to a road network defined as a first location;

b) determining a new location of the vehicle relative to the road network defined as a second location;

c) automatically communicating the first location of the vehicle to the remote location at a first interval frequency; and

d) automatically communicating the second location of the vehicle to the remote location at a second interval frequency different from the first interval frequency, wherein the first and second locations have first and second speed limits, respectively, with the first speed limit being greater than the second speed limit, wherein the first interval frequency is less than the second interval frequency.

Serial No. 09/598,538

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23. (Twice Amended) The method of claim 1 wherein the interval frequencies define a data transmission interval.

24. (Twice Amended) The apparatus of claim 9, wherein said interval frequencies define a data transmission interval.
